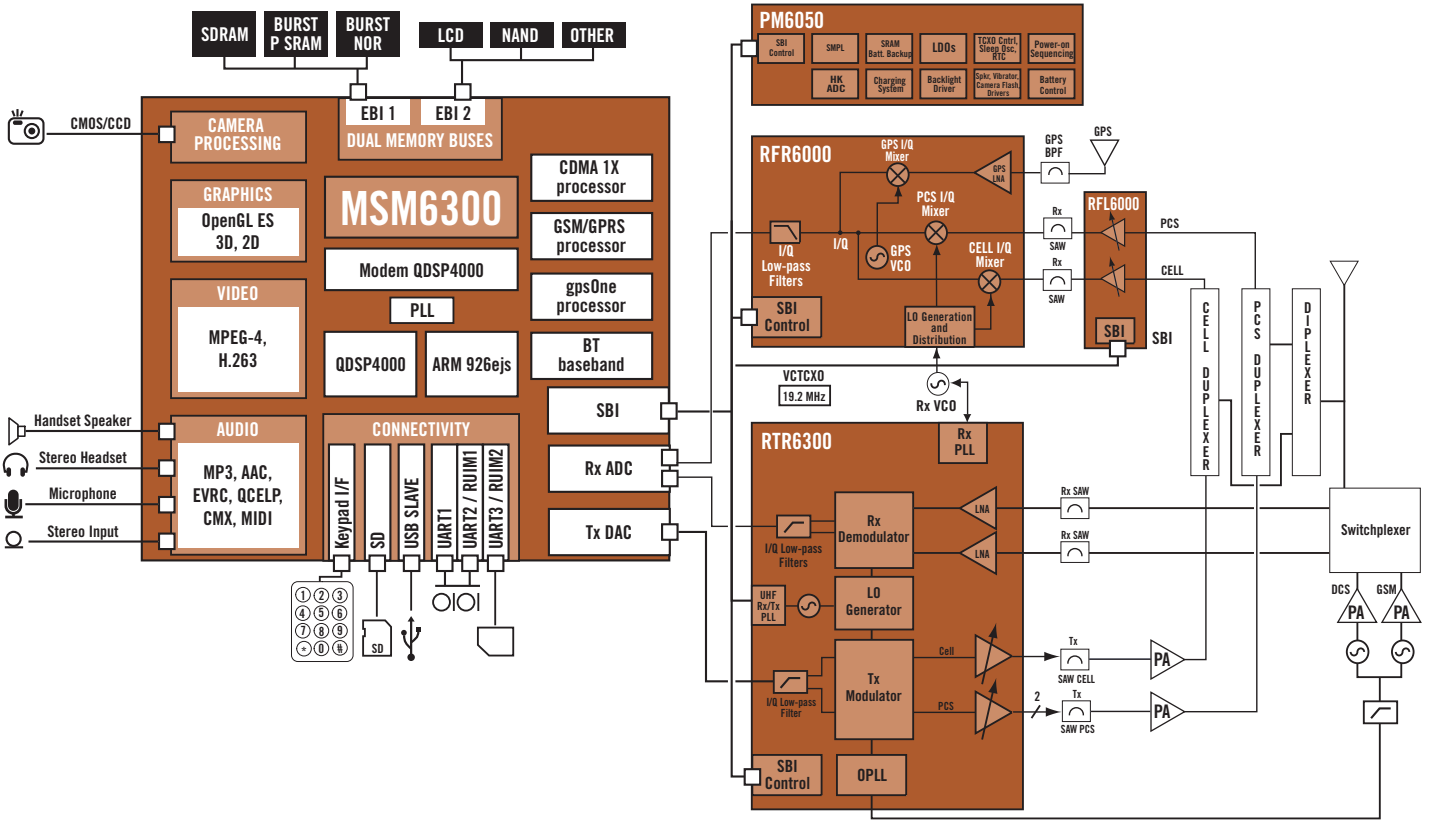
SDRAM
BURST P SRAM
BURST NOR
LCD
NAND
OTHER
EBI 1
EBI 2
DUAL MEMORY BUSES
CMOS/CCD
CAMERA PROCESSING
GRAPHICS
OpenGL ES 3D, 2D
VIDEO
MPEG-4, H.263
MSM6300
Modem QDSP4000
PLL
QDSP4000
ARM 926ejs
CDMA 1X processor
GSM/GPRS processor
gpsOne processor
BT baseband
SBI
Rx ADC
Tx DAC
Handset Speaker
Stereo Headset
Microphone
Stereo Input
AUDIO
MP3, AAC, EVRC, QCELP, CMX, MIDI
CONNECTIVITY
Keypad I/F
SD
USB SLAVE
UART1
UART2 / RUIM1
UART3 / RUIM2
PM6050
SBI Control
SMPL
SRAM Batt. Backup
LDOs
TCXO Cntrl, Sleep Osc, RTC
Power-on Sequencing
HK ADC
Charging System
Backlight Driver
Spkr, Vibrator, Camera Flash Drivers
Battery Control
RFR6000
GPS I/Q Mixer
GPS LNA
PCS I/Q Mixer
I/Q
I/Q Low-pass Filters
GPS VCO
CELL I/Q Mixer
LO Generation and Distribution
SBI Control
GPS BPF
GPS
Rx SAW
RFL6000
PCS
CELL
SBI
VCTCXO
19.2 MHz
Rx VCO
RTR6300
Rx PLL
Rx Demodulator
LNA
I/Q Low-pass Filters
UHF Rx/Tx PLL
LO Generator
Tx Modulator
Cell
PCS
I/Q Low-pass Filter
SBI Control
OPLL
Tx SAW CELL
Tx SAW PCS
PA
CELL DUPLEXER
PCS DUPLEXER
DIPLEXER
Switchplexer
DCS
GSM